

SSC Construction Safety Job Site Audit

SSP-8715-0001

Company:	Project:			
Contractor Rep:	Auditor:			
Contractor Number:	Date of Audit:			
_	ARD CHECKS - document as described)			
NASA Contractor Orientation completed for all	Names Checked:	Yes	No	
employees working? (sampling is acceptable) May also check ID badges.				
2. Safety Meeting conducted and 100% employee attendance achieved?	Names Checked:	Yes	No	
3. Is the Contractor sending a representative to				
the Monthly Contractor Meetings?				
4. Is the Contractor conducting weekly documented				
audits? 5. Are findings from these audits being tracked				
until completion?				
6. Activity Hazard Analysis completed and being adhered to? (Read through Analysis and check each requirement. Determine is any requirements are overlooked or missing.)	List deficiency or areas requiring improvement			
7. All required permits properly completed, questions answered, no blank spaces? (Read through Permits and check each requirement. Determine if any requirements are overlooked or missing.) Confined Space Date: Hot Work Date: Scaffold Tags Date:	List deficiency or areas requiring improvement			
Digging Date:				

			RECOMMENDED CHECKS (Perform Audit - document as described)	ped)
Yes	No	N/A	Check applicable areas	Corrective Action & Date
			8. OSHA Poster displayed?	
			9. Emergency medical numbers posted?	
			10. Copy of OSHA regulations available?	
			11. Utility contacts recorded?	
			12. MSDSs available and well maintained?	
			13. Are emergency procedures in place and workers knowledgeable?	
			14. Toilet facilities clean and sanitary?	
			15. Sanitary supply of drinking water, disposable drinking cups and refuse container?	
			16. Is there adequate lighting in passageways?	
			17. Are "No Smoking" signs posted? Designated smoking areas?	
			18. Is clear access provided to all fire fighting equipment?	
			19. Are fire extinguishers available, inspected, and charged? Employees aware of locations?	
			Are large fuel tanks properly diked and separated? (Note: not required if double walled with adequate capacity)	
			21. Are gas cylinders separated, secured, upright, and capped if not in use?	
			22. Are First Aid Kits available and well stocked?	
			23. Are there trained first aid and CPR responders on site? (at least one person)	
			24. Are traffic control barriers adequate?	
			25. Is the public protected from open excavations?	
			26. Are correct messages posted or warning signs?	
			27. Are flagger persons properly dressed and equipped and performing properly?	
			28. Does traffic control on SSC highways meet DOT requirements?	
			29. Is advanced warning posted at approaches to work?	
			30. Are containers properly labeled with the name of the chemical, hazard warnings and manufacturer?	
			31. Lockout procedures being followed per NASA SSC Work Instructions?	
			32. Is access control maintained and is there a method of accountability in the event of an emergency?	
			33. Employees aware of marshalling areas?	

EMPLOYEES WORKING SAFELY

(Observe, locate, check, and document facts if discovery is made)

			34. Are employees working safely?	
			35. Are employees following established procedures and rules?	
			36. Are employees accessing areas safely and not climbing over equipment or materials unnecessarily?	
			37. Is proper PPE being worn, is it in good repair, and is it being worn correctly?	
			38. Are tools used properly?	
			39. Are employees using tools, electric cords, equipment that are in good repair?	
		- 1		
			WALKING WORKING OUDEAGEG	
			WALKING WORKING SURFACES	
			(Observe, locate, check, and document facts if discovery is made)	
Yes	No	N/A		Corrective Action & Date
Yes	No	N/A		1
Yes	No	N/A	(Observe, locate, check, and document facts if discovery is made)	1
Yes	No	N/A	(Observe, locate, check, and document facts if discovery is made) 40. Are nails or sharp points addressed through removal or guarding?	1
Yes	No	N/A	(Observe, locate, check, and document facts if discovery is made) 40. Are nails or sharp points addressed through removal or guarding? 41. Does trash pick up look like it is being well maintained?	1
Yes	No	N/A	 (Observe, locate, check, and document facts if discovery is made) 40. Are nails or sharp points addressed through removal or guarding? 41. Does trash pick up look like it is being well maintained? 42. Safe passage ways being maintained? 43. Is material being stored, placed, and maintained in a manner that 	1
Yes	No O O O O O O O O O O O O O O O O O O	N/A	 (Observe, locate, check, and document facts if discovery is made) 40. Are nails or sharp points addressed through removal or guarding? 41. Does trash pick up look like it is being well maintained? 42. Safe passage ways being maintained? 43. Is material being stored, placed, and maintained in a manner that does not create a trip hazard or block walkways? 	1
Yes	No	N/A	 (Observe, locate, check, and document facts if discovery is made) 40. Are nails or sharp points addressed through removal or guarding? 41. Does trash pick up look like it is being well maintained? 42. Safe passage ways being maintained? 43. Is material being stored, placed, and maintained in a manner that does not create a trip hazard or block walkways? 44. Rebar protected? 	1
Yes	No	N/A	(Observe, locate, check, and document facts if discovery is made) 40. Are nails or sharp points addressed through removal or guarding? 41. Does trash pick up look like it is being well maintained? 42. Safe passage ways being maintained? 43. Is material being stored, placed, and maintained in a manner that does not create a trip hazard or block walkways? 44. Rebar protected? 45. Barriers in place?	1
Yes	No O O O O O O O O O O O O O O O O O O	N/A	(Observe, locate, check, and document facts if discovery is made) 40. Are nails or sharp points addressed through removal or guarding? 41. Does trash pick up look like it is being well maintained? 42. Safe passage ways being maintained? 43. Is material being stored, placed, and maintained in a manner that does not create a trip hazard or block walkways? 44. Rebar protected? 45. Barriers in place?	1

No

Yes

N/A

Corrective Action & Date

TOOLS AND EQUIPMENT (√= Observe	d, located, and checked)
A. Scaffolds Section non-applicable	B. Ladders Section non-applicable
 Appropriate erectors tag (SSP 8715-000, (3.16.2c)) Daily inspection prior to use SSP 8715-000, 3.16.2 Compare daily inspection to scaffold Assembly Correct? Footings Correct and stable? Planking Correctly installed? Safe Access provided and maintained? Toe boards, cross bracing, tie offs, bracing etc. acceptable? Training for Users, Erectors and Competent Person 4 to 1 base to height ratio requirement met? Observed operational deficiencies Corrective Action & Date: 	1. Condition of ladders 1926.1053(b)(16 & 17) 2. Inspections 1910.25(d)(1)(x) & 1910.26(c)(2)(iv) 3. Tied off or secured 1926.1053 (b) (7) & (8) 4. 3 feet beyond landing 1926.1053(b)(1) 5. Proper rating 1926.1060(a) & 1926.1053(b)(15) 6. Proper angle & placement 1926.1053(b)(5) 7. Step ladders must have spreaders extended when used 1926.1053(a)(8) 8. Observed operational deficiencies Corrective Action & Date:
C. Portable Electric Tools 1. GFCIs 1926.404 (b) (1) (II) 2. Cords - hard or extra hard usage 1926.405(a)(2)(ii)(J) 3. Guards 1926.300(b) 4. PPE 1926.95 5. Observed operational deficiencies (Use, Storage, etc.) 6. Damaged equipment tagged and removed from service Corrective Action & Date:	D. Hand Tools 1. Condition of tool 1926.301 2. Condition of handle 1926.301(d) 3. PPE 1926.95 4. Observed operational deficiencies 5. Other Corrective Action & Date:
E. Air Powered Tools 1. Condition of tool 1926.300(a) 2. Guards 1926.300(b) 3. "Whip check" or other means of securing hose ends together 1926.302(b)(1) 4. PPE 1926.95 5. Operators Certified? 6. Observed operational deficiencies 7. Floors and openings covered or guardrails provided? Corrective Action & Date:	F. Electrical Equipment □ Section non-applicable 1. □Distribution boxes covered 1926.403(i)(2)(i) 2. □Exposed live electric 1926.403(b) 3. □Extension cords Hard or Extra Hard usage & in good condition 1926.405(a)(2)(ii)(J) 4. □Grounding prongs in place 1926.404(f)(7)(iv) 5. □GFCIs 1926.404 (B) (1) (II) 6. □Extension cords not running through or sitting in Water 7. □Temporary lights protected Corrective Action & Date: □
G. Fall Protection Section non-applicable Required at 6' or higher 1926.501 (b) Given by the section of higher 1926.501 (b) Given by the section non-applicable of the section non-applicable of the section of higher 1926.501 (b) Given by the section of higher 1926.502 (d) (21) Given by the section of higher 1926.502 (d) (21) Given by the section of higher 1926.502 (d) (21) Given by the section non-applicable of the section of higher 1926.502 (d) (21) Given by the section non-applicable of the section of higher 1926.502 (d) (21) Given by the section non-applicable of the section non-applicab	H. Slings Section non-applicable 1. Condition 1926.251(a)(1) 2. Legible tag with permissible loads ANSI B 30.9 3. Inspection prior to use each shift 1926.251(a)(6) 4. Observed operational deficiencies Corrective Action & Date:
I. Signs, Labels and Placards Section non-applicable Correct message posted on warning signs 1910.145 Flag person where needed, properly dressed, equipped, & trained 1926.201(a) Mo Smoking signs posted where applicable? Corrective Action & Date:	J. Fire Protection 1. □ Location Fire Extinguishers, enough of proper size & type 1926.150 (c) 2. □ Periodic inspections of equipment 1926.150(a)(4) 3. □ Storage of Flammable/Combustible liquids In labeled approved containers 1926.152(a)(1) 4. □ "No Smoking" signs in the vicinity of operations which constitute a fire hazard 1926.151(a)(3) 5. □ Large fuel tanks diked & separated 1926.152(c) Corrective Action & Date:
K. Welding Equipment Section non-applicable Burn permit SP 8715-0001 (3.11.1) Use/Storage of gas cylinders 1926.350 PPE 1926.95 Anti-flashback valves 1910.253(e)(3)(ii)(C)(3) Observed operational deficiencies Corrective Action & Date:	L. Specialized Equipment Section non-applicable 1. Condition of equipment 1926.300(a) 2. Records of tests & inspections 1926.20 (b) (2) 3. Qualified operators 1926.20 (b)(4) 4. Access 1926.1051(a) 5. Adequate lighting for work in late evenings and early mornings? Corrective Action & Date:

M. Table Saws and Other Cutting Equipment	N. Pressurized Equipment (Hoses, Cylinders and Air receivers)
Section non-applicable	Section non-applicable
1. Guarding 1926.300(b) 2. Condition of saw & equipment 1926.300(a) 3. Condition of electric 1926.403(b)(1) 4. PPE 1926.95 5. Training in use of saw 1926.21(a) 6. Observed operational deficiencies Corrective Action & Date:	1. Records of inspections & tests, at least annually 1926.306 2. Condition of equipment 1926.306 3. Access & guarding 1926.306, 1926.307 4. Hose connections and associated equipment 1926.302(b) 5. Gas Cylinders separated, secured and upright, capped when not in use? 1926.350 Corrective Action & Date:
O. Demolition Equipment Section non-applicable	P. Mixers Section non-applicable
1. Condition of equipment 1926.300(a) 2. Records of tests & inspections 1926.20(b)(2) 3. Guarding 1926.300(b) 4. Qualified operators 1926.20(b)(4) 5. PPE 1926.95 6. Fall protection @ 6' 1926.501(b) 7. Access 1926.1051(a) 8. Observed operational deficiencies Corrective Action & Date:	1. Condition of equipment 1926.300(a) 2. Guarding 1926.300(b) 3. Qualified operators 4. PPE 1926.95 5. Observed operational deficiencies 6. Other Corrective Action & Date:
Q. Conveyors Section non-applicable 1. Condition of equipment 1926.20(b)(3) 2. Records of tests & inspections 1926.20(b)(2) 3. Guarding 1926.555 4. Qualified operators 1926.20(b)(4) 5. PPE 1926.95 6. Fall protection 6' or higher 1926.501(b) 7. Access 1926.1051(a) 8. Observed operational deficiencies Corrective Action & Date:	R. Diving Equipment Section non-applicable 1. Safe practices manual onsite 1926.420 2. Audit Safety procedures in manual Corrective Action & Date:
MOVING EQUIPMEN	T AND PROCESSES
MOVING EQUIPMEN (Observe, locate, check, and S. Aerial Lifts 1. Inspection records 1926.453 2. Fall protection 1926.453(b)(2)(v) 3. Operator's training 1926.453(b)(2)(ii) 4. Observed operational deficiencies Corrective Action & Date:	T AND PROCESSES document facts discovered) T. Elevating Work Platforms 1.
S. Aerial Lifts 1. Inspection records 1926.453 2. Fall protection 1926.453(b)(2)(v) 3. Operator's training 1926.453(b)(2)(ii) 4. Observed operational deficiencies Corrective Action & Date:	T. Elevating Work Platforms 1.
S. Aerial Lifts Inspection records 1926.453 Fall protection 1926.453(b)(2)(v) Operator's training 1926.453(b)(2)(ii) Observed operational deficiencies	T. Elevating Work Platforms 1.

Directional, Drills, Excavators, Graders, Wood Chippers, Grinders, Scrapers, Pavers Asphalt and Concrete, Compactors, Rollers etc.) Section non-applicable 1. □ Evaluate condition of equipment 1926.20(b)(3) 2. □ Records of tests & inspections 1926.20(b)(2) 3. □ Guarding 1926.20(b)(3) Section non-applicable 1. □ Qualification of Operators operating Critical Equipment 2. □ Condition of equipment SSP-8715-0001 (2.9.4,	
□ Section non-applicable 1. □ Evaluate condition of equipment 1926.20(b)(3) 2. □ Records of tests & inspections 1926.20(b)(2) 1. □ Qualification of Operators operating Critical Equipment □ Equipment	
0. Gadarding 1520:20(b)(0)	
4. ☐ Designated qualified operators 1926.20(b)(4) 5. ☐ Designated qualified operators 1926.20(b)(4) 3. ☐ Operators license 1926.20(b)(2)	
4. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	
6. ☐ Fall protection 6' or higher 1926.501(b) 7. ☐ Audit dig permit (required for any ground 4. ☐ Inspection, maintenance & repair records 1926.20(b)(3) 5. ☐ Seat Belts 1926.21(b)(2)	
penetration deeper than 12") SSP 8715.0001(7.3.1.d) 6. "Slow moving Vehicle" sign on Low speed	
8. Back up alarms 1926.602(a)(9) vehicles (SSP-8715-0001 (2.9.5b)	
9. ☐ Access 1926.1051(a) 7. ☐ Observed operational deficiencies	
10. ☐ Observed operational deficiencies	
Corrective Action & Date: Corrective Action & Date:	
AA. Pile Drivers Section non-applicable BB. Motor Vehicles Usertion non-applicable Windshield 1926.601(b)(5)	
1. Qualification of Operators operating Critical 2. Back up alarm or signal person 1926.601(b)(4)	
Equipment 3. Condition of vehicle & tires 1926.601 (b)	
2. □ Do not conduct sheet piling operations during 4. □ Seat Belts 1926.601(b)(9)	
winds in excess of 20 MPH (17.4 knots) SSP- 5. Housekeeping in cab EM 385-1-1 (14.C)	
8715-0001 (7.4.2b) 6. Valid operator's license for the equipment used 1926.20(b)(4)
3. ☐ Fixed leads shall be provided with ladders & 7. ☐ No passengers in pickup trucks without approved seats & seat belts SSP-8715-0001 (2.9.3)	
4. ☐ PPE - hard hats, eye protection, hearing 8. ☐ Use of Cell Phone while driving - NASA SSC Reg	
protection, safety shows SSP-8715-0001 (7.4.2f) Corrective Action & Date:	
5. Heavy clothing required - heavy long sleeved shirts, heavy leans or pants SSP-8715-0001 (7.4.2g) CC. Excavation and Shoring Section non-applicable	
shirts, heavy jeans or pants SSP-8715-0001 (7.4.2q) 6. Guarding SSP-8715-0001 (7.4.2t) CC. Excavation and Shoring Section non-applicable 1. Employees protected from cave ins?	
7. Use tag lines SSP-8715-0001 (7.4.20) 2. Shoring equipment in good repair and appropriate	
8. (see cranes) 3. Access and Egress acceptable	
9. Fall Protection SSP-8715-0001 (2.9.5n); 4. Permit Required Space Created and CSE permit or	
Required at 6' or higher 1926.501(b) 10 □ Observed operational deficiencies 5. □ Sloping / benching adequate	
10. Observed operational deficiencies 5. Sloping / benching adequate 6. ☐ All potential hazards identified	
7. Other	
Corrective Action & Date: Corrective Action & Date:	
DD. Tree Removal Equipment Section non-applicable 1. Condition of equipment 1926.300(a) Section non-applicable 1. Access to trailer 1936.1051(a)	
1. Access to trailer 1920.1001(a)	
2. ☐ Records of tests & inspections 1926.20(b)(2) 3. ☐ Guarding 1926.300(b) 2. ☐ Securing load Mississippi Code of 1972 63-5-55	
4. Qualified operators 1926.20(b)(4) Trailers (stationary) Section non-applicable	
5. PPE 1926.95	
6. ☐ Fall protection @ 6' 1926.501(b) 7. ☐ Access 1926.1051(a) 3. ☐ Access 1926.1051(a) 4. ☐ Secured for high winds 1926.21(b)(2)	
8. Observed operational deficiencies	
Corrective Action & Date:	
Follow-up	
1. Review all checks, facts, and findings and determine if all necessary information has been gathered.	
2. Determine suggested corrective action and list.	
 3. Evaluate all findings to determine systemic issues requiring additional Corrective Actions. 4. Discuss all your findings and conclusions with responsible NASA SSC SMA representative 	
5. Achieve concurrence with NASA SSC SMA representative.	
6. \square Place all findings and corrective actions into the action tracking system and assign responsibility	
with estimated target date.	
7. Proceed with follow-up actions as assigned.	
 When actions are complete, update the action tracking data base accordingly. Review report at the weekly meeting to discuss systemic issues and feedback. 	
Requirements - All Corrective Actions for Construction projects must be completed within a 14 day period unless NASA SSC SMA approves an extension.	

NASA SSC Construction Safety Job Site Audit		
ignature of Safety Engineer/Inspector:		
the undersigned superintendent/foreman have ake the necessary action to immediately correct		
ignature of Site Superintendent/Foreman: _		
	# Positive Findings:	
	# Negative Findings:	